STEELECO

WINDOW SHADES
DARKENING SHADES
DARKENING CHANNELS

Genuine Steeleco shades available in all the following fabrics plus water repellent duck, flame retardant duck and cambric.

TEX-STEELE . . . first quality double filled enameling duck. Available in Tan, Gray, White, and Natural.

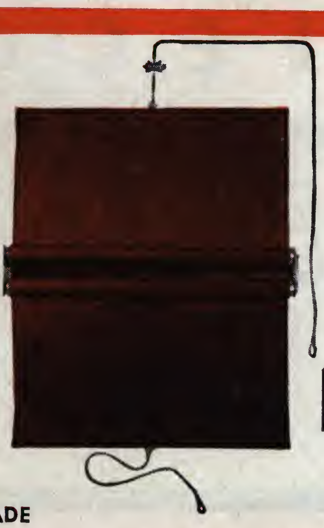
PLASTI-CANVAS . . . first quality, long staple duck with a double vinyl coating on each side. Combines the fine finished appearance of vinyl and the known durability of duck. Flame retardant, water repellent, and soil resistant.

BLACKTEX . . . black duck material especially adaptable to audio-visual education. 85% lightproof.

CANVASTEELE . . . a new fire-retarding plastic impregnated shade cloth. Adaptable to audio-visual education. Available in Black, Tan, and Black/Tan duplex. 90% lightproof.

STEELEATHER . . . a special heavy weight leatherette fabric for 100% blackout. Recommended for all light channel installations.

OLIVER C. STEELE MFG. CO.
SPICELAND, INDIANA



STYLE G

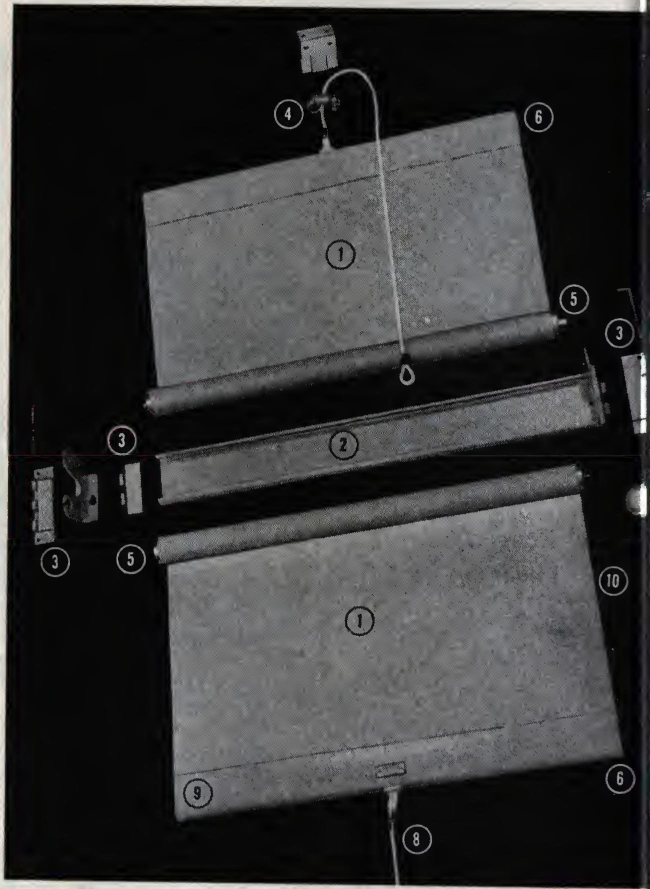
DOUBLE ROLLER TRANSLUCENT SHADE

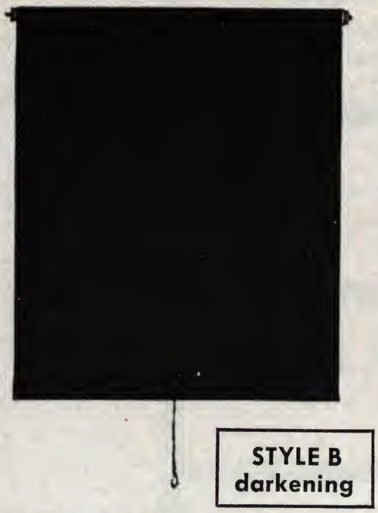
This style shade is the most widely used style in schools and hospitals. It offers numerous adjustments to transfuse glare and effectively utilize all available natural light.

A double roller shade operates as two small single roller shades. The upper shade pulls up from the mounting fixture and is under constant tension controlled by a single cord passing through a lock pulley. The lower shade pulls down in the normal manner. The two shades complete with a compact adjustable light shield are considered as one unit. The light shield is finished to harmonize with the shade cloth color. This method of light control permits free circulation of air both at top and bottom of the window, thus answering all ventilation requirements.

Double cord (Style G-2) is recommended for extremely wide shades. Style G-1 is available with "swing-out" demountable fixtures at either side of the window. This enables the window to be completely cleared without tools for ease in window washing, glass replacement, pointing, and similar repairs.

features





STYLE B darkening

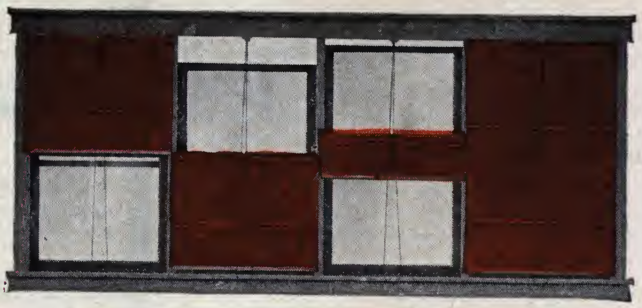
STATIONARY SINGLE ROLLER DARKENING SHADE

This stationary, single roller shade, operating as an ordinary house shade, is ready for instant use. Simply pull the shade down to allow proper amount of light to enter the room. It is particularly adapted for use as a darkening shade, rolling completely out of the way when not in use. It may be constructed of either BlackTex (85% lightproof), Canvasteele (90% lightproof), or heavy Steeleather (100% lightproof). Recommended for every room in school buildings. The cost of this equipment is negligible compared to the cost of one audio-visual room.

STYLE B

STATIONARY SINGLE ROLLER TRANSLUCENT SHADE

The Style B Translucent Shade is identical to the Style B Darkening Shade. It provides economical shading for all type windows and is particularly well adapted to short windows. This same type shade with a constant tension roller, is specified as "Style H". May be installed at the bottom and pulled upward through a lock-pulley. The bottom installation effectively utilizes the light from the top of the window. Single roller Style H shades combined with side channels are widely used in skylight installations.



STYLE A-1 folding

THE LIFE SPAN FOLDING SHADE

Style A-1 Folding Shade as pictured above is suspended from the top by a single cord passing through a lock pulley. The shade is folded up by operating a cord passing through another lock pulley on the top slat. It can be adjusted to give light and air from either top or bottom quickly and easily.

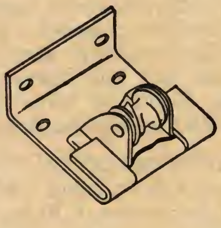
The Life Span Folding Shade was originally invented by Oliver C. Steele. Each fold and slat slips neatly into place. There are seven styles of the Life Span to choose from . . . single and double cord, stationary and adjustable, translucent or darkening. It is a sturdy durable shade with no delicate parts . . . particularly adaptable to wide windows.

1. Tex-Steele cotton duck is heavier than ordinary fabric. Double-filler threads are used in weaving, and double strands running the length of the cloth give great tensile strength and body. No clay, starch or other filler is used in Tex-Steele cotton duck. It is not affected by moisture, dryness or other climatic conditions. Since it is preshrunk, the smooth surface is washable or cleanable by brushing, vacuuming, or dry cleaning.

2. The bracket light shield acts as a backbone for the entire assembly. It is constructed of steel strips with turned edges for added strength and smooth finish. The brackets are electrically welded to the shield and the entire assembly is lacquered to harmonize with the shade cloth. The light shields are made of two interlocking pieces to facilitate installation and provide adjustment for variation in window size.

3. Demountable fixtures (as shown at left) are optional equipment on the Style G-1 shade. These fixtures permit the entire assembly to be removed instantly or one side may be detached and the shade and light shield will "swing-out" enabling the custodian to clean the window glass easily.

4. Die-cast rust-proof alloy pulleys with bronze bearings are used to insure smooth, quiet operation Lock pulley acts instantly and holds shade exactly where desired. Pulley is demountable without tools on Style G-1.



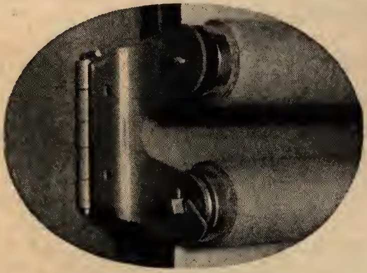
5. Steeleco shades are mounted on guaranteed Breneman, Hartshorn or Steeleco rollers, wood or metal as required. Springs are oversize to provide ample power for contingencies.

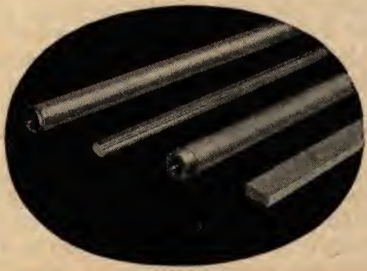
6. Shade slats are of wood or wood encased in metal as required. All wood slats are 1¼" x ⅜" made of straight-grain clear hardwood. Metal slats are constructed of lock-seam, zinc clad tubing with a hardwood filler.

7-8. The No. 4½ hard-braid non-stretch cord is completely finished with cord clamps. It is attached to the shade slat with a cadmium plated screw eye.

9. Slat hems are reinforced by sewing through three thicknesses of cloth and back stitched on the edges. All sewing is two thread with lock stitches.

10. Selvedge edges are used when possible. Otherwise the edges are cut and overcast to prevent raveling and fraying. Overcasting is always done on both sides — never one selvedge and one overcast which causes uneven rolling. With the overcast reinforcement the edges are tear proof. The shades are designed so that the edges do not come in contact with the brackets, thus assuring extra years of wear.



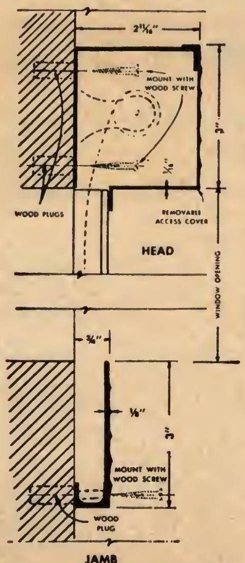


DARKENING CHANNELS

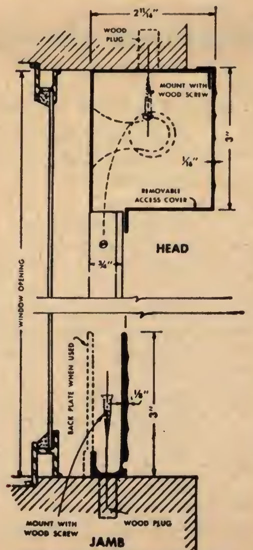
Typical Installation of Lite-Tite Aluminum Channels and Housing

22 Gauge Steel Roller Housing

Here's new beauty . . . and increased darkening efficiency on any type of window with the Steeleco Lite-Tite Aluminum Channels and Roller Housings. When used with Steeleather darkening shades they provide a perfect way to exclude all light from entering the room. The combination of Lite-Tite Channels and Housings and Steeleather shades are ideal for auditoriums, laboratories, classrooms, multi-purpose rooms and other installations where total darkening is desired. When used together no light can seep in at the sides or top of the shade.



INSIDE INSTALLATION
Scale: ¼" = 1"



INSIDE INSTALLATION
Scale: ¼" = 1"

ARCHITECTURAL INFORMATION AND SPECIFICATIONS

ARCHITECT'S NOTE: It is important that provisions be made for fastening shade brackets, channels and housings at the time of detailing new construction.

SPECIFICATIONS—Translucent, Light Control Shades

GENERAL—In general this specification covers window shades for this project. Shades are to be (insert style desired) as manufactured by the Oliver C. Steele Manufacturing Company, Spiceland, Indiana; or approved equal. At the request of the owner, and before awarding a contract the successful bidder must verify all measurements and shall submit evidence of his ability to furnish equipment as specified. All materials used in the manufacture of these shades are to be new, commercially perfect, and of first quality.

SHADE CLOTH (TEX-STEELE)—The shade cloth shall be pre-shrunk cotton duck without filling, coating, or sizing, and dyed with fast vat dye. Thread count shall be not less than 84 threads warp and 28 threads filling. Weight of cloth shall not be less than 8 to 10 ounces per square yard. Selvedge edges shall be used where possible, otherwise the edges are to be cut and overcast to prevent raveling.

SHADE CLOTH (PLASTI-CANVAS)—The shade cloth shall be Tex-Steele base fabric as above, impregnated with a clear vinyl coating. The finished vinyl coated cloth shall weigh not less than 11 ounces per square yard and shall be translucent, transmitting as much light after coating as before coating. Vinyl coated cloth that is darkening and not translucent, is not acceptable.

The finished fabric shall be permanently water repellent, soil resistant, and fire retardant. Fabric shall be Steeleco Plasti-Canvas, as manufactured by the Oliver C. Steele Manufacturing Company, Spiceland, Indiana; or approved equal.

WORKMANSHIP—All shade edges shall be cut square and true and shade material properly attached to the rollers so that the shades will hang straight and in proper alignment. Hems shall be turned in so that the stitching will be through three thicknesses of cloth and backstitched on the edges. The finished length of the shades shall be six inches longer than the window opening for single roller shades (Steele Style B), and twelve inches longer for double roller shades (Steele Style G-1).

SHADE ROLLERS—All rollers shall be metal or wood as required, equal to Hartshorn, Breneman, or Steeleco. Rollers shall be of proper sizes to adequately carry the shades, and shall conform to the roller schedule outlined by the shade manufacturer.

SHADE SLATS—All slats may be either metal or wood as required. Wood slats shall be made from choice lumber, straight, and of proper weight with dimensions not less than 1¼" x ⅜".

SHADE CORD—The shade cord shall be equal to Steeleco No. 4½ woven cordage with a core made of fibre glass to give increased strength and resist stretching. All cord to be finished on ends with cord clamp loops, and to be of proper length to operate the shade.

SHADE HARDWARE—All necessary hardware for installation shall be furnished with the shades. All double roller shades, unless of the center lap type, shall be equipped with metal telescoping adjustable bracket light shields, lacquered to harmonize with the color of the shade. (Light shields to be demountable type with sturdy hinges and hinge pins.) All other hardware, such as pulleys and brackets, shall be made of heavy steel with rustproof finish. (Lock pulleys for upper shades to be demountable with pulley bracket.)

SPECIFICATIONS—Darkening Shades and Equipment

(Substitute applicable items in translucent shade specification)

GENERAL—All windows in rooms to be used for visual education purposes shall be equipped with darkening shades to eliminate sufficient light to clearly show movies or projections during any time of the day. The shades used shall be equal to Steeleco Darkening Shades as manufactured by the Oliver C. Steele Manufacturing Company, Spiceland, Indiana.

SHADE CLOTH (BLACKTEX)—The shade cloth shall be pre-shrunk cotton duck without filling, coating, or sizing, sulfur dyed black. 84 x 28 thread count, 8-10 oz. per sq. yard.

SHADE COTH (STEELEATHER)—The shade cloth shall be opaque double coated steeleather—pebble grained and black in color. Base fabric shall be 1.85 yards per pound cotton drill coated on both sides with vinyl synthetic resin suitably pigmented and plasticized. Finished weight shall be not less than 23 ounces per yard—54 inch width. Shall be flame resistant to meet requirements of Federal Specification KK-L-136 B.AM.2., and City of Boston Fire Department Prevention Document No. 5.

ROLLER HOUSING—Roller housings are to be of (aluminum or steel, where required) and sufficiently large to completely enclose shade when fully rolled without allowing cloth to strike sides of box. Box is to completely encase shade and brackets and prevent any light from entering at top of window. Front of housing must be easily removable to allow access to the shade and roller. Housing to be finished (natural aluminum anodized to prevent discoloration or dull black).

SIDE AND SILL CHANNELS—Shall be of (aluminum or steel) and at least 2½ inches deep (where required). Finish to be (anodized aluminum or dull black).

All Shades shall be guaranteed by the manufacturer against defects in workmanship and materials for a period of one year.

NATIONWIDE DISTRIBUTION

Listed below are a few centrally located dealers—for the name of the dealer in your area, write or call the factory:

Chippewa Valley Sporting Goods
415 South Farwell Street
Eau Claire, Wis.

Florida Distributors
1652 Lennox Ave.
Miami Beach 39, Florida

Flowers School Equipment Co.
327 West Main Street
Richmond 18, Virginia

General Office Supply Co.
622 Jefferson Street
Lafayette, Louisiana

Charles E. Heaton
7119 Grand Ave.
Pittsburgh 25, Pennsylvania

Heller Company
P. O. Box 5611
Indianapolis 19, Ind.

Hoover Brothers, Inc.
1020 Oak Street
Kansas City 6, Mo.

Inland School Supply
4033 West Princeton
Spokane 14, Washington

Institutional Equipment & Supply Co.
1800 Magnolia Avenue N.D.
Knoxville, Tennessee

Martin School Equipment Co.
P. O. Box 259
Jackson, Miss.

Michigan Products Inc.
1236 Turner Street
Lansing, Mich.

Harry C. Partridge Jr. & Son
103 Park Ave.
New York 17, N. Y.

E. W. A. Rowles Company
Arlington Heights, Illinois

State School Supply Co.
P. O. Box 232
Tyler, Texas

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SPICELAND, INDIANA

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